

We claim:

1. A fire protective coat which has reduced restriction in sleeve movements and reduced rise when the sleeves are raised which comprises:

an outer shell that includes a body portion formed by right front panel, a left front panel and a back panel, and right and left sleeves attached to said body portion, said back panel including a right vertical pleat which extends downwardly from a shoulder seam near the right sleeve and a left vertical pleat which extends downwardly from the shoulder seam near the left sleeve, said right sleeve including front and rear pleats near said body portion, and said left sleeve including front and rear pleats near said body portion, said right and left vertical pleats in said back panel providing freedom of forward movement of the sleeves and said front and rear pleats in said right and left sleeves providing freedom of upward movement of the sleeves, and

a removable liner formed by an inner thermal layer and an outer moisture barrier layer, said inner thermal layer including a body portion including a back portion and right and left sleeve portions attached to said body portion, said back portion including right and left darts which extend downwardly therein near said respective right and left sleeve portions, and said right and left sleeve portion respectively including front and rear pleats near said body portion, and said moisture barrier layer including a body portion including a back portion and right and left sleeve portions connected to said back portion, said right and left

sleeve portion including front and rear darts near said body portion and right and left darts in said back portion near said right and left sleeve portions.

2. The fire protective coat according to claim 1, wherein said right and left vertical pleats in said back panel of said outer shell are located between 1 and 3 inches from respective right and left sleeves.

3. The fire protective coat according to claim 1, wherein said pleats in said right and left sleeves of said outer layer are centered between 1 and 3 inches from said body portion thereof.

4. The fire protective coat according to claim 1, wherein said right and left darts in the back portion of said inner thermal layer are between 5 and 8 inches in length.

5. The fire protective coat according to claim 1, wherein said right and left darts in the back portion of said moisture barrier are between 5 and 8 inches in length.

6. The fire protective coat according to claim 1, wherein said darts in said right and left sleeves of said moisture barrier are located between 1 and 3 inches from the body portion thereof.

7. An outer shell for a fire protective coat which comprises:

a body portion formed by right and left front panel and a back panel, and right and left sleeves attached to said body portion, said back panel including a right vertical pleat extend downwardly from a shoulder seam near the right sleeve and a left vertical seam extend downwardly from the should seam near the left sleeve, said right sleeve including

front and rear pleats extending downwardly from respective front and rear longitudinal seams near said body portion, and said left sleeve including front and rear vertical pleats extending downwardly from respective front and rear longitudinal seams near said body portion.

8. The outer shell according to claim 7, wherein said front and rear vertical seams in said right and left sleeves are in register with one another.

9. A liner for attachment inside an outer shell of a fire protective coat, said liner including an inner thermal layer and an outer moisture barrier layer, said moisture barrier layer including a body portion and right and left sleeves connected to the body portion, said body portion including a back portion having right and left darts therein respectively near said right and left sleeves, and front and rear darts in each of said right and left sleeves near said body portion.

10. A liner according to claim 9, wherein said front and rear darts in said right and left sleeves are in register and are located between 1 and 3 inches from said body portion.